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	Application No.	Applicant(s)	V
Notice of Allowability	10/630,091 Examiner	KNUTH ET AL. Art Unit	<u></u>
	Ehud Gartenberg	3746	
The MAILING DATE of this communication appeal claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in the or other appropriate communi GHTS. This application is sub	nis application. If not inclu cation will be mailed in du	ided ie course. THIS
1. This communication is responsive to 10/14/2004.			
2. ☑ The allowed claim(s) is/are <u>20-39</u> .			•
3. \boxtimes The drawings filed on <u>30 July 2003</u> are accepted by the Ex	aminer.		
4.	e been received. been received in Application of the communication to file a dent of this application. itted. Note the attached EXAM as reason(s) why the oath or dest be submitted. son's Patent Drawing Review (as Amendment / Comment or in the header according to 37 CFR sit of BIOLOGICAL MATER	No In this national stage application of the office action of the transfer of the Office action of the transfer of the Office action of the transfer o	requirements NOTICE OF
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/O Paper No./Mail Date 10/11/2004 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☑ Interview Sum Paper No./M: 7. ☐ Examiner's Ar	mal Patent Application (Pamary (PTO-413), ail Datenendment/Comment atement of Reasons for Aton toton to fells for TD & FF 11/10	Nowance

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Allowable Subject Matter

1. Claims 20-39 are allowed.

2. The following is an examiner's statement of reasons for allowance: prior art does not teach in combination with the other limitations of the independent claims the injection of the second fluid "at a point prior to said inner spiral flow".

Note that: 1) in Blackman 3158997 the second fluid is injected through hole 54 into the midst towards the downstream portion of the inner spiral flow; 2) the fuel injection in Drexhage 3712059 creates flows around axes that are perpendicular to the plane of the page, and NOT a SPIRAL flow around an axis in the plane of the page - as in the claimed invention; 3) the second fluid in Coffinberry 4840025 is injected NOT through wall, but through an injector penetrating the combustor space, and the fluid is injected INTO the inner spiral flow.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ehud Gartenberg whose telephone number is 703/308-2634. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cheryl Tyler can be reached on 703/306-2772. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ehud Gartenberg Primary Examiner Art Unit 3746

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